CLAIM OR CLAIMS

- 1. A capacitive sensor comprising:
- (a) an elongate first polymeric conductor,
- (b) an elongate second polymeric conductor; and
- (c) a non conductive web intermediate the first polymeric conductor and the second polymeric conductor to maintain a substantially fixed separation distance between the first and the second polymeric conductor.
- 2. The capacitive sensor of Claim 1, wherein at least one of the first and the second polymeric conductors has one of a rectangular, square, circular, triangular, curvilinear or faceted cross section.
- 3. The capacitive sensor of Claim 1, wherein the first and the second polymeric conductors are directly bonded to the non conductive web.
- 4. The capacitive sensor of Claim 1, further comprising an auxiliary layer intermediate the first and the second polymeric conductor.
- 5. The capacitive sensor of Claim 4, wherein the auxiliary layer is one of a conducting and non conducting material.
- 6. The capacitive sensor of Claim 1, further comprising a weatherseal body connected to one of the first polymeric conductor, the second conductive polymeric conductor and the non conductive web.
- 7. The capacitive sensor of Claim 1, wherein the first polymeric conductor and the second polymeric conductor are embedded in a non conductive polymer.
- 8. The capacitive sensor of Claim 1, wherein the non conductive web provides a maximum and minimum separation of the first and second polymeric conductors.
- 9. The capacitive sensor of Claim 1, further comprising a secondary conductor in at least one of the first polymeric conductor and the second polymeric conductor.
 - 10. The capacitive sensor of Claim 1, wherein the secondary conductor is a wire.
- 11. The capacitive sensor of Claim 10, wherein the secondary conductor includes a plurality of strands.

- 12. The capacitive sensor of Claim 1, further comprising a non conductive body embedding the first and second polymeric conductors.
- 13. The capacitive sensor of Claim 12, wherein the non conductive body has one of a rectangular, square, circular, triangular, curvilinear or faceted cross section.
- 14. The capacitive sensor of Claim 12, wherein the non conductive body is integral with the web.
- 15. An elongate capacitive sensor for installation about an opening in a motor vehicle, the opening having at least one corner, the sensor comprising:
 - (a) a one-piece extruded non conducting body; and
- (b) a first polymeric conductor and a second polymeric conductor embedded in the body,

the body configured to substantially maintain a nominal separation distance between the first polymeric conductor and the second polymeric conductor after installation about the corner.

- 16. The capacitive sensor of Claim 15, wherein the first and the second polymeric conductors have substantially similar cross sectional profiles.
- 17. The capacitive sensor of Claim 15, wherein the polymeric conductors include a conductor selected from the group consisting of carbon blacks, graphite and metal powder.
- 18. The capacitive sensor of Claim 15, wherein the body surrounds a cross section of the first polymeric conductor and the second polymeric conductor.
- 19. The capacitive sensor of Claim 15, wherein at least one of the first and the second polymeric conductor has one of a rectangular, square, circular, triangular, curvilinear or faceted cross section.
- 20. The capacitive sensor of Claim 15, wherein the first and the second polymeric conductors are directly bonded to the web.
- 21. The capacitive sensor of Claim 15, further comprising an auxiliary layer intermediate the first and the second polymeric conductor.

- 22. The capacitive sensor of Claim 21, wherein the auxiliary layer is one of a conducting and non conducting material.
- 23. The capacitive sensor of Claim 15, wherein body maintains a substantially constant separation distance between the first and second polymeric conductors.
- 24. The capacitive sensor of Claim 15, further comprising a secondary conductor in at least one of the first polymeric conductor and the second polymeric conductor.
- 25. The capacitive sensor of Claim 24, wherein the secondary conductor is a wire.
- 26. The capacitive sensor of Claim 24, wherein the secondary conductor includes a plurality of strands.
- 27. The capacitive sensor of Claim 15, wherein the body has one of a rectangular, square, circular, triangular, curvilinear or faceted cross section.
- 28. The capacitive sensor of Claim 15, wherein the body is configured to maintain less than a 10 percent variation in the separation distance along the length of the sensor in the corner.
- 29. A capacitive sensor, comprising a polymeric conductor embedded within a non conductive polymeric body, a cross sectional periphery of the polymeric conductor substantially defined by the body.
- 29. The capacitive sensor of Claim 28, wherein the polymeric body defines at least a portion of a weatherseal.
- 30. A method manufacturing a capacitive sensor for installation about a motor vehicle opening having at least one corner, the method comprising forming a non conductive web intermediate a first polymeric conductor and a second polymeric conductor to define a separation distance between the first and the second polymeric conductor, the web configured to substantially maintain the separation distance upon installation about the corner.

- 31. The method of Claim 30, further comprising maintaining the separation distance after installation to within 10 percent of the separation distance before installation.
- 32. The method of Claim 30, further comprising maintaining the separation distance after installation about a corner having a radius less than 45 mm to within 10 percent of the separation distance before installation.
 - 33. A capacitive sensor comprising:
 - (a) an elongate first polymeric conductor,
 - (b) an elongate second polymeric conductor; and
- (c) a non conductive web intermediate the first and the second polymeric conductor, the web and the first and the second polymeric conductor defining a radius of curvature and the web maintaining a substantially fixed separation distance between the first and the second polymeric conductor along the radius of curvature.
- 34. The capacitive sensor of Claim 33, wherein the web maintains the separation distance to within 10 percent of a nominal separation distance.
- 35. The capacitive sensor of Claim 33, further comprising a polymeric body at least partially surrounding one of the polymeric conductors, the web being a harder material than the body.
- 36. The capacitive sensor of Claim 33, wherein the radius of curvature is less than 35mm.